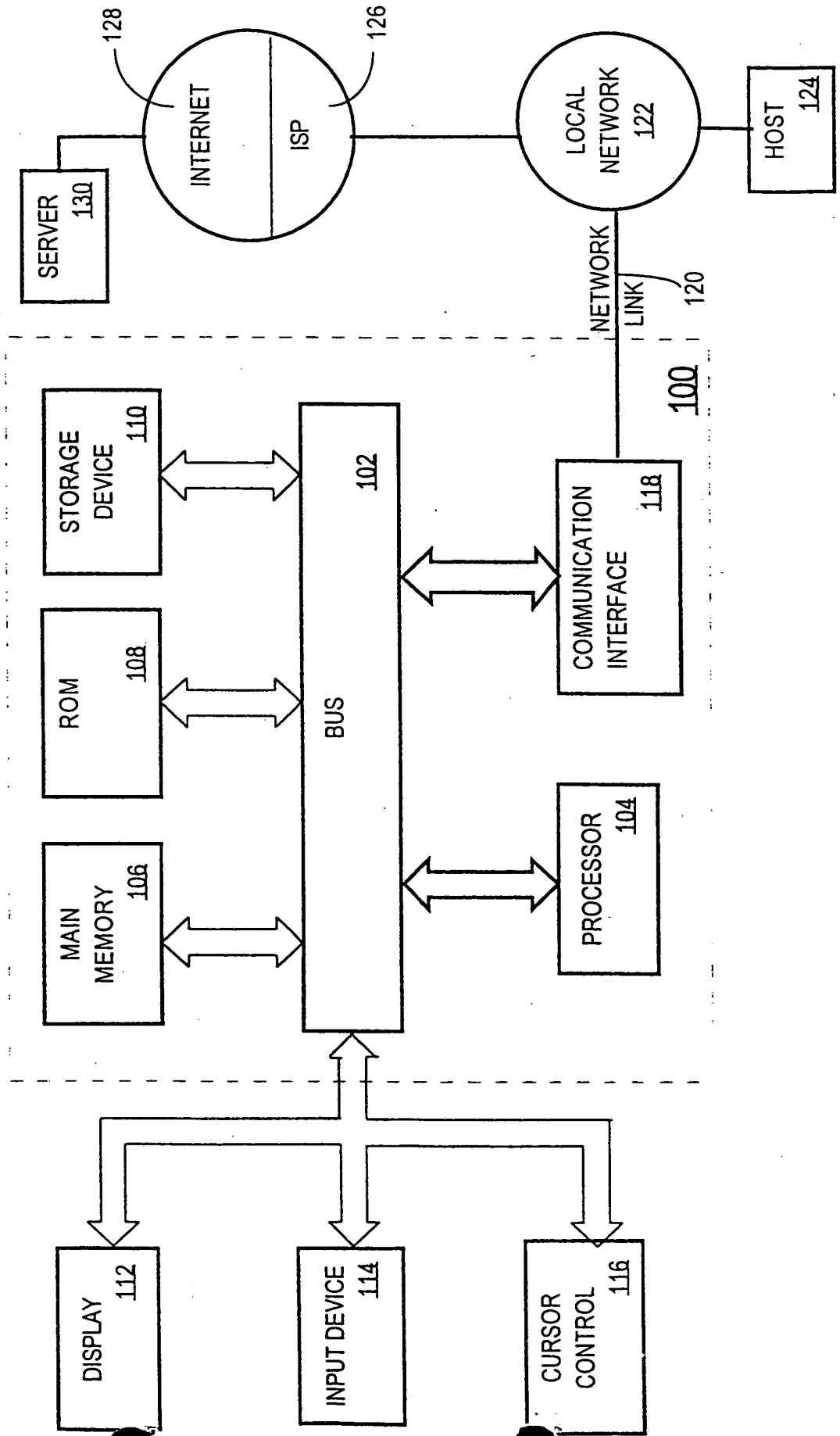


FIG. 1



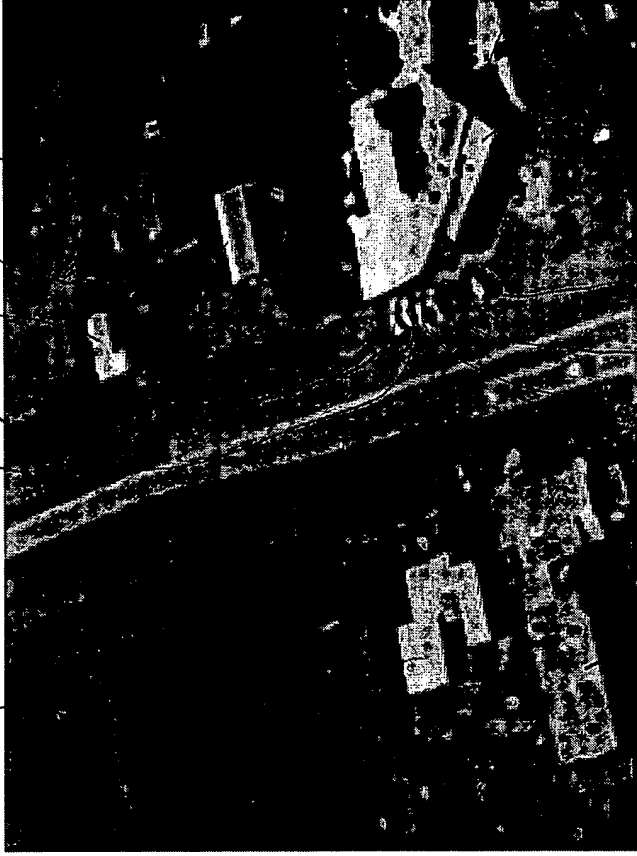
246 248 220 225 215



205 244 242 230 200 232

FIG. 2A

210 246 248 220 225 215



250 205 244 242 230 240 232

FIG. 2B

Input consists of 2 consecutive video frames

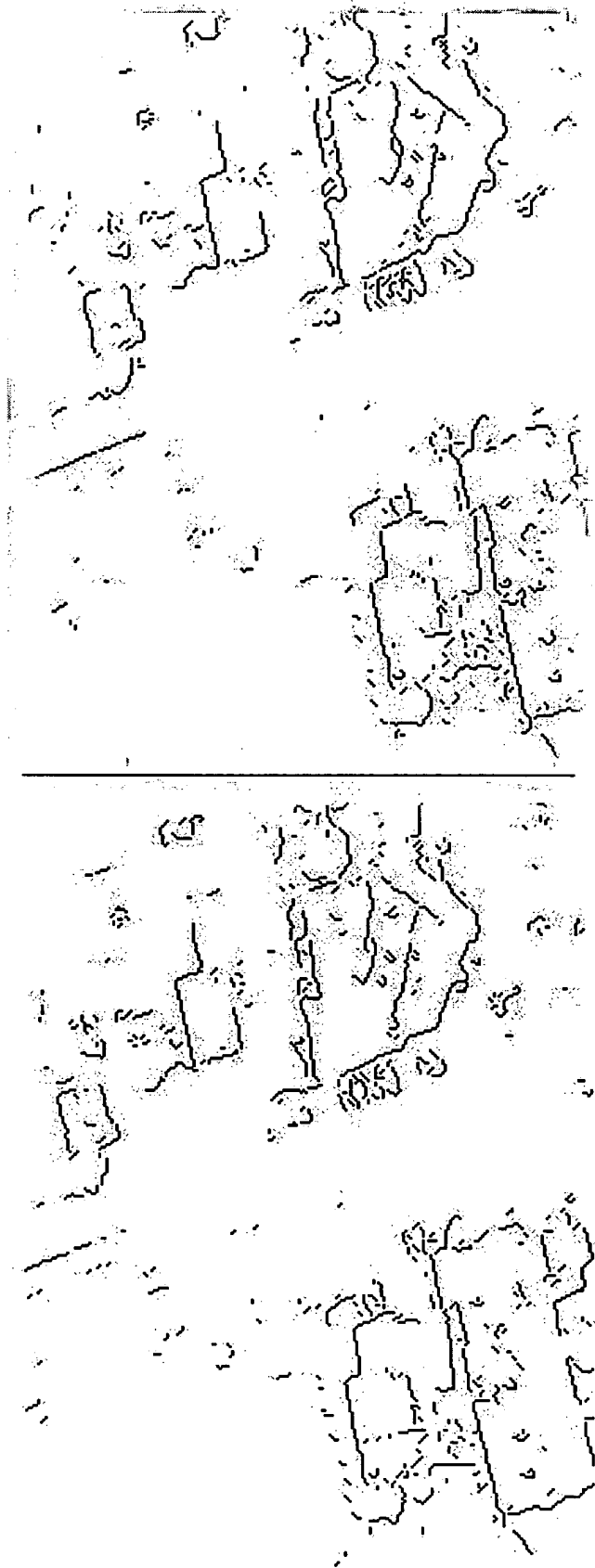


FIG. 3A

FIG. 3B

Consecutive Edge Detected Frames

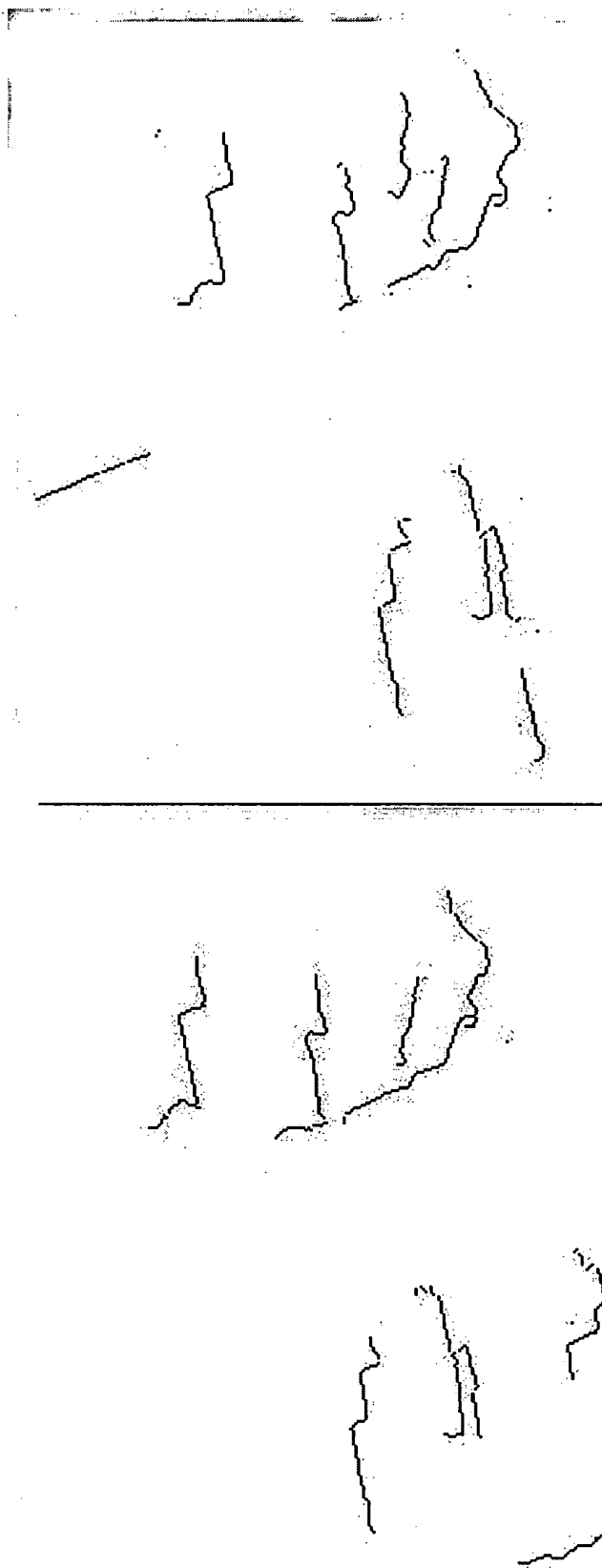


FIG. 4B

FIG. 4A

Consecutive Frames With Structures Identified

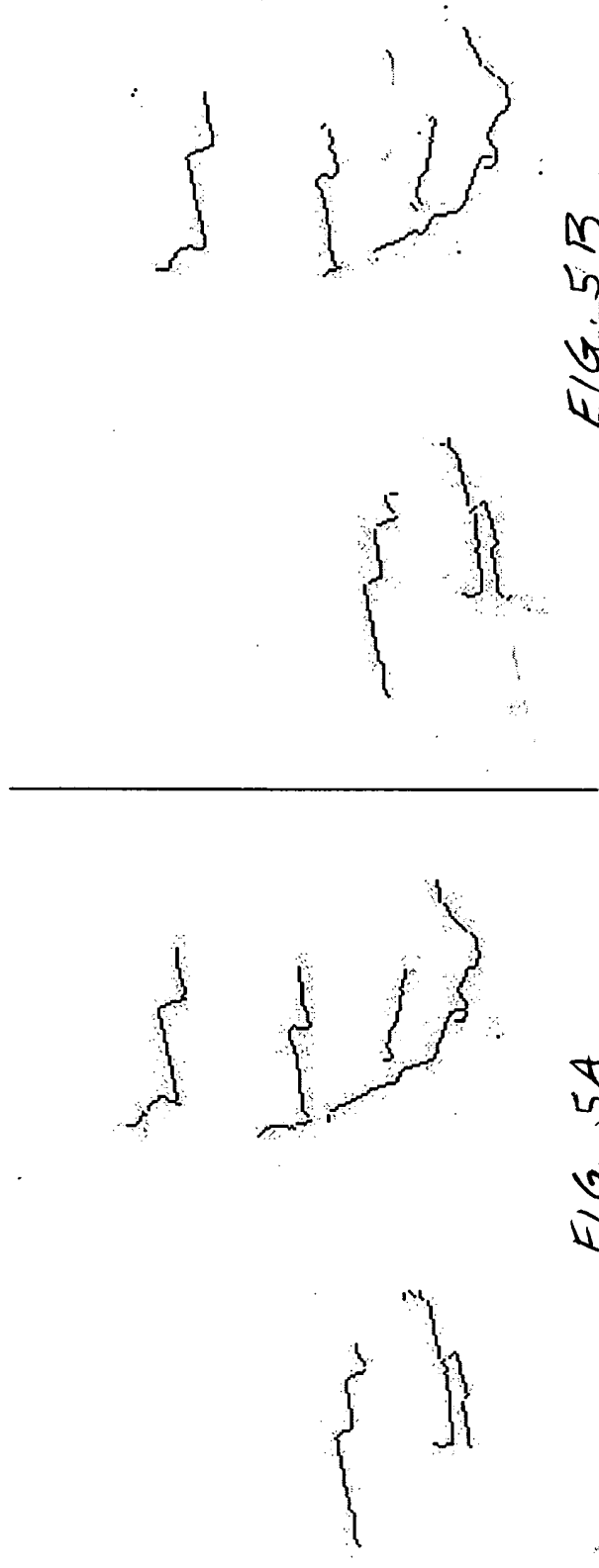


FIG. 5A

FIG. 5B

Consecutive Frames Showing Matched Structures

005250" B2742560

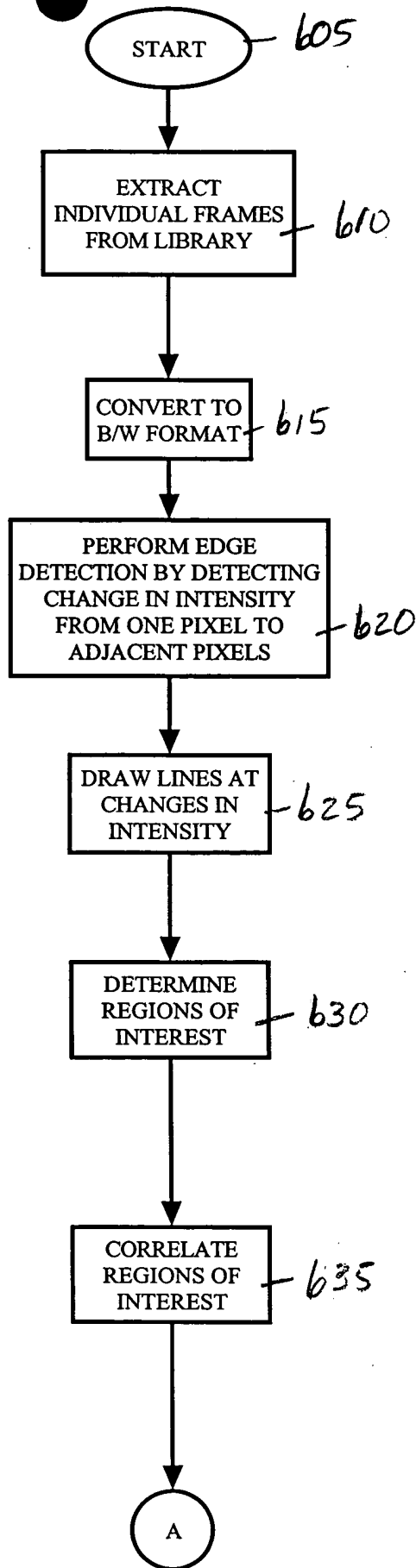


FIG. 6A

005250" B442560

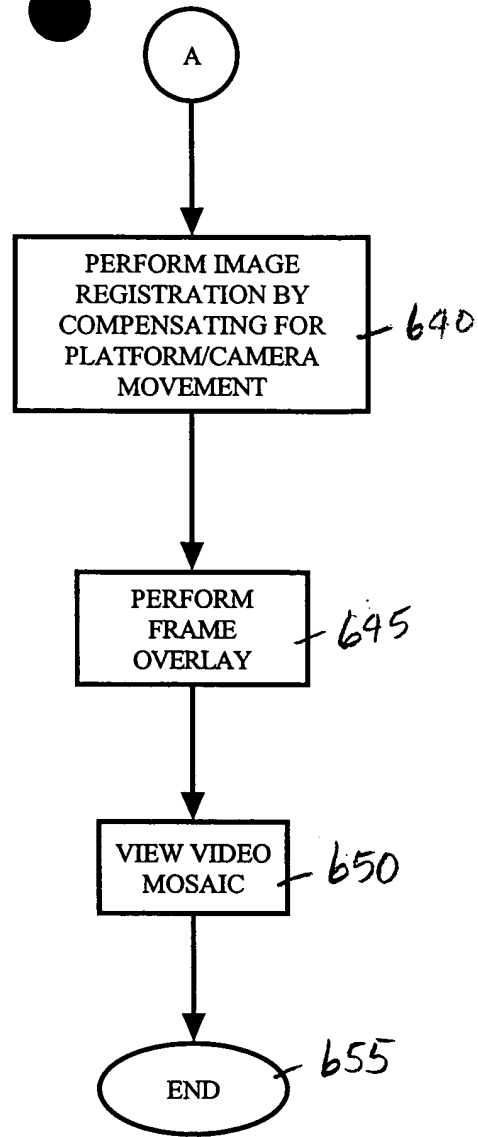


FIG. 6B

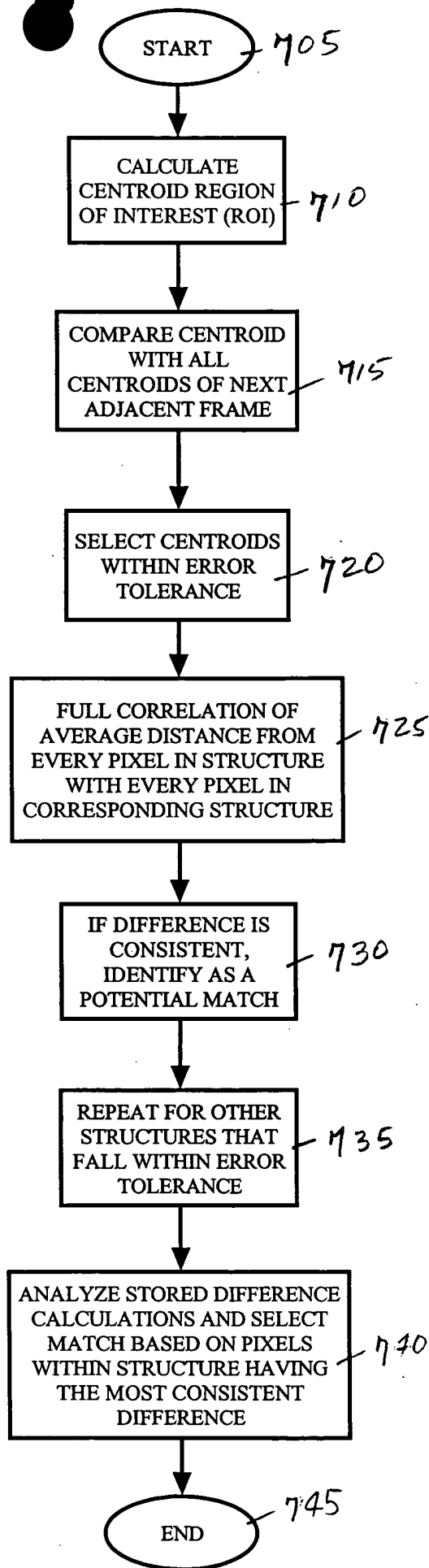


FIG. 7

005250" B2747560

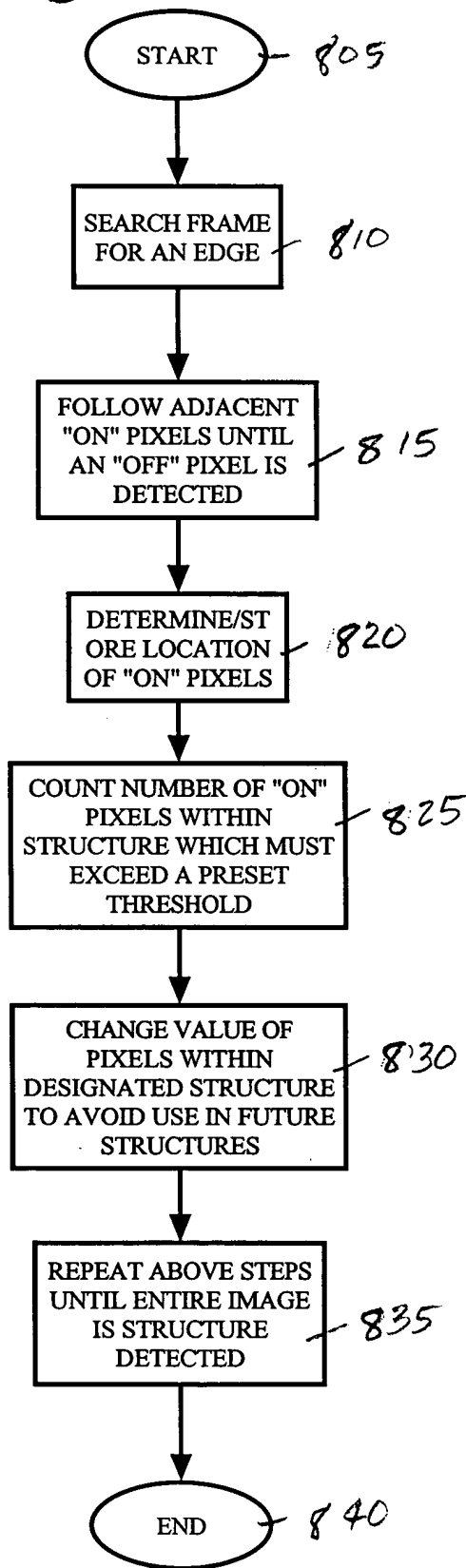
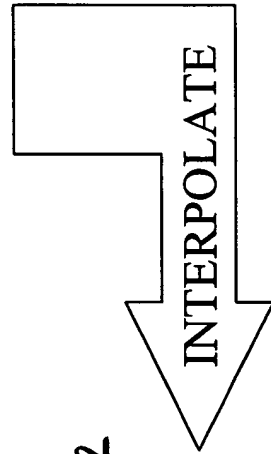
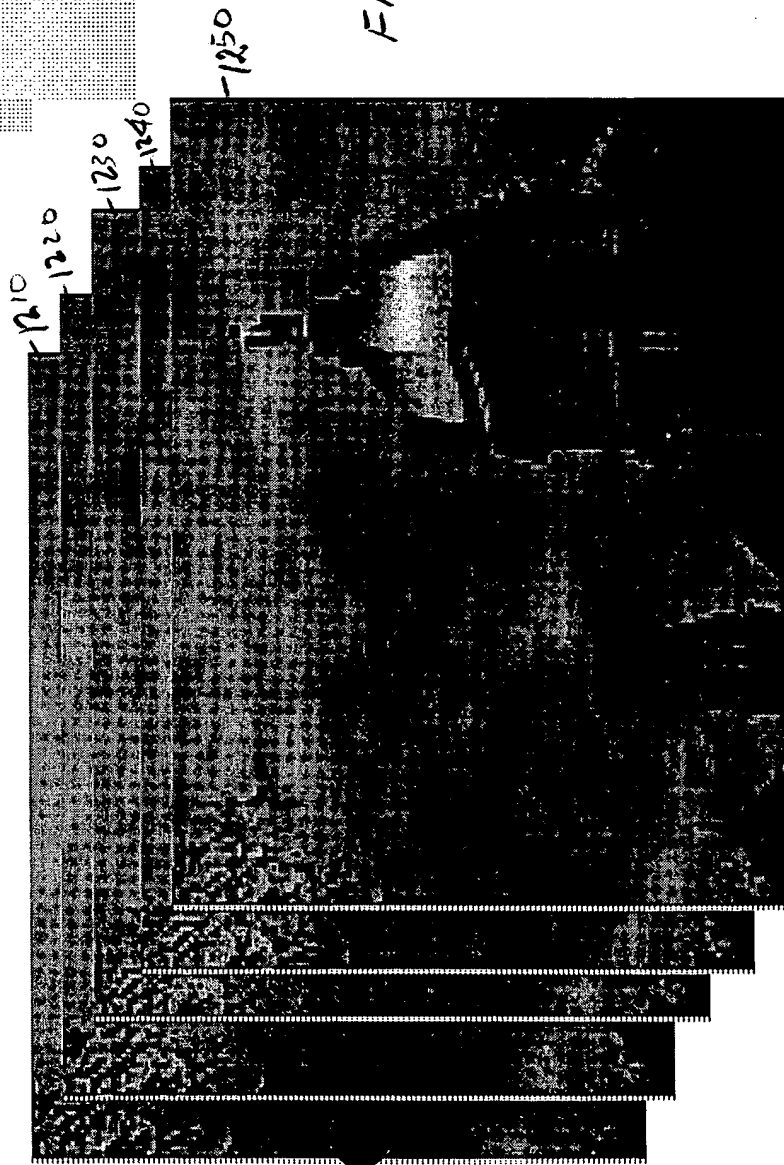
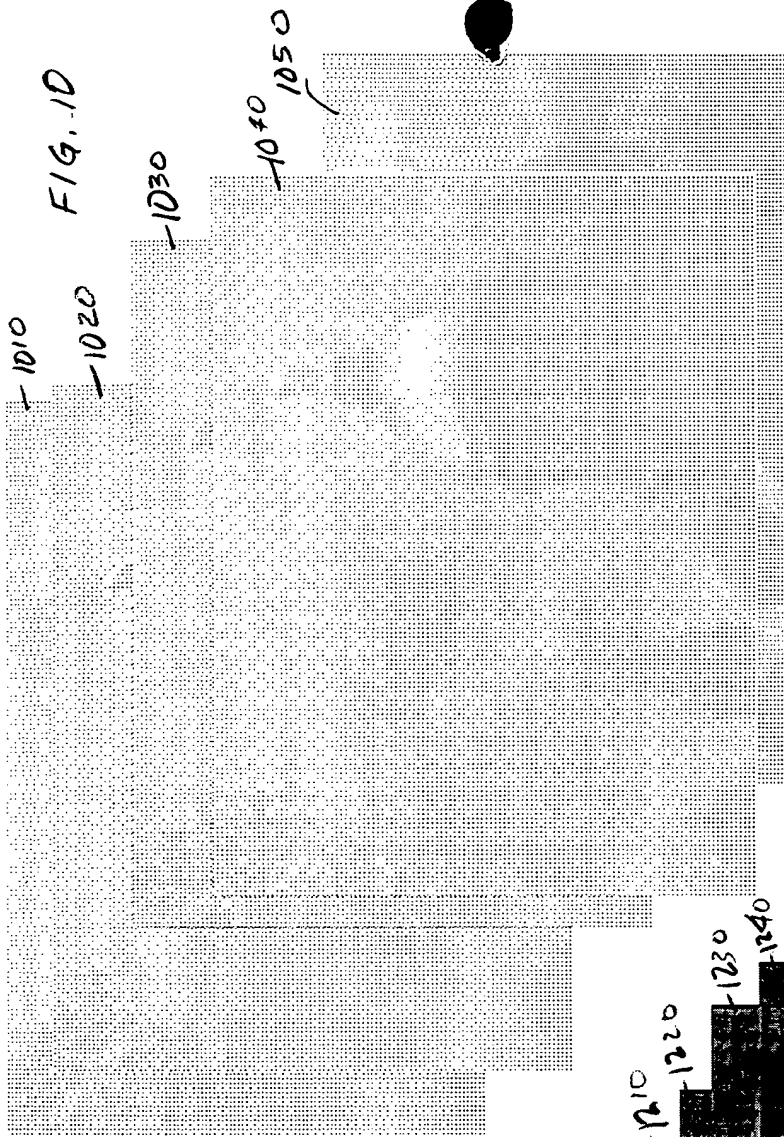
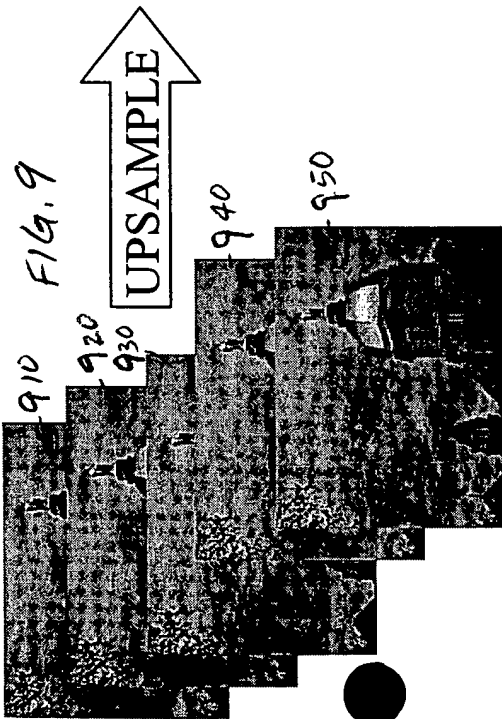


FIG. 8





X-Y ALIGN and
Median of 5 Filter

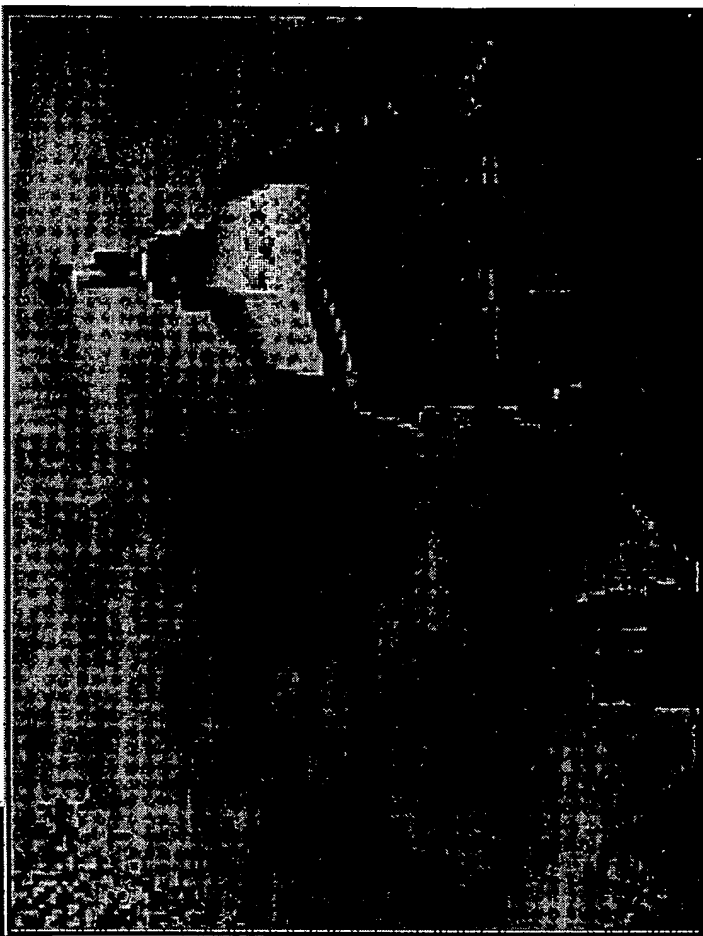


FIG. 13

FIG. 12

09577478.052500

1-1 .80	1-2 .75	1-3 .70	1-4 .65	1-5 .60
2-1 .80	2-2	2-3	2-4	2-5 .675
3-1 .80	3-2	3-3	3-4	3-5 .75
4-1 .80	4-2	4-3	4-4	4-5 .825
5-1 .80	5-2 .825	5-3 .85	5-4 .875	5-5 .90

FIG. 11

005250-8274

